2010 Draft Integrated Report 305(b)

Getting Started With ArcIMS Surface Water Assessments 2010

This page was last updated 05/2010 & is Viewable with MS Internet Explorer

Introduction

This interactive web application provides access to draft surface water quality assessments for the 2010 reporting cycle, please read through the HELP document to familiarize yourself with the various tools and mapping functions available on this mapping application.

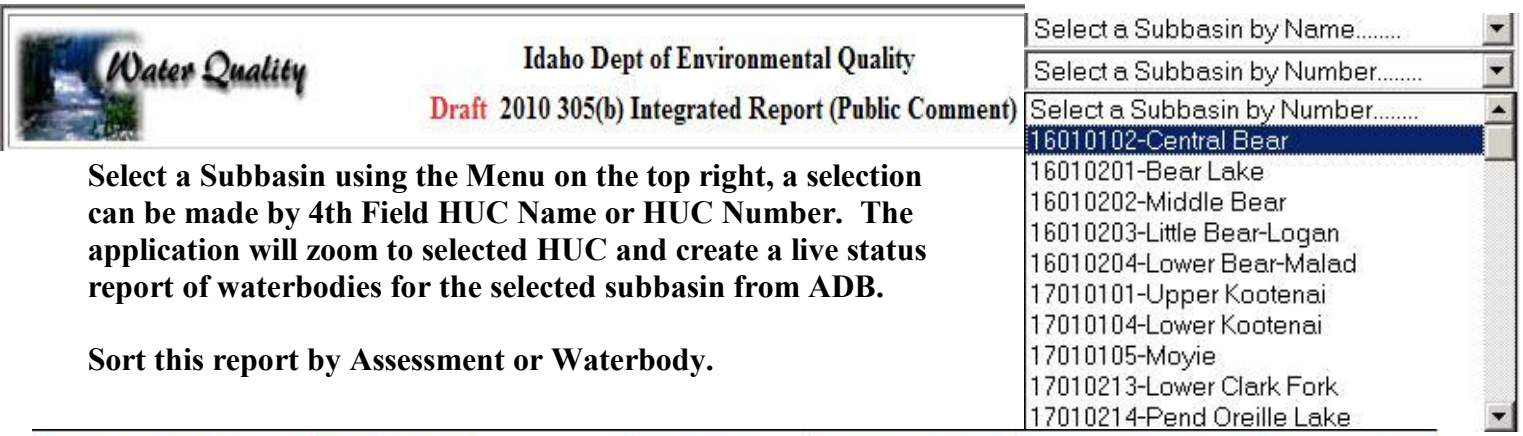
The Surface Water Interactive GIS Web Application is a collection of GIS layers and WEB enabled tools that allows users to select watersheds and view the results of DEQ's effort to monitor and assess stream water quality in Idaho. The data in this application is used to report to the EPA and others in compliance with reports, 305(b) & 303(d) of the federal Clean Water Act.

The purpose of the Section 305(b) report is to present to the U.S. Congress and the public the current conditions of the state's waters. Section 305(b) of the federal Clean Water Act requires each state to prepare a water quality assessment report every two years. The EPA compiles the information from the state reports and prepares a summary for Congress on the status of the nation's waters. The 2010 Idaho 305(b) report has been prepared in accordance with EPA guidelines for preparation of 305(b) reports.

This Site is currently supported on **Internet Explorer 6.0** and higher & **Firefox 2.0** (**Netscape** and other browsers are not supported at this time). It is best viewed on screens with resolutions of **1024x768** or above.

If the Application becomes unresponsive Click: Ctrl & F5, to reset from your keyboard.

Navigating ArcIMS Top Frame Sub Basin Selector



Select a Subbasin using the Menu on the top right, a selection can be made by 4th Field HUC Name or HUC Number. The application will zoom to selected HUC and create a live status report of waterbodies for the selected subbasin from ADB.

Sort this report by Assessment or Waterbody.

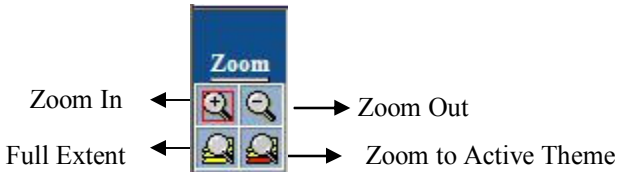
ASSESSMENT UNIT	WATERBODY	WB TYPE	STATUS 2010	APPROVED TMDLs	MILES/ACRES
ID17050101SW001_07L	C J Strike Reservoir	Stream	Not Supporting	30361	0.96
ID17050102SW001_02	Unnamed NHD Waterbody	Stream	Not Assessed		5.36
ID17050102SW001L_0L	C J Strike Reservoir	Lake/Reservoir	Not Supporting	30361	12313.62
ID17050102SW001L_0L	C J Strike Reservoir	Stream	Not Supporting	30361	48.90

Click on an Assessment Unit Hyperlink to ZOOM into the Streams or Lakes.

Click the Status Hyperlink to view the ADB Support Status Report.

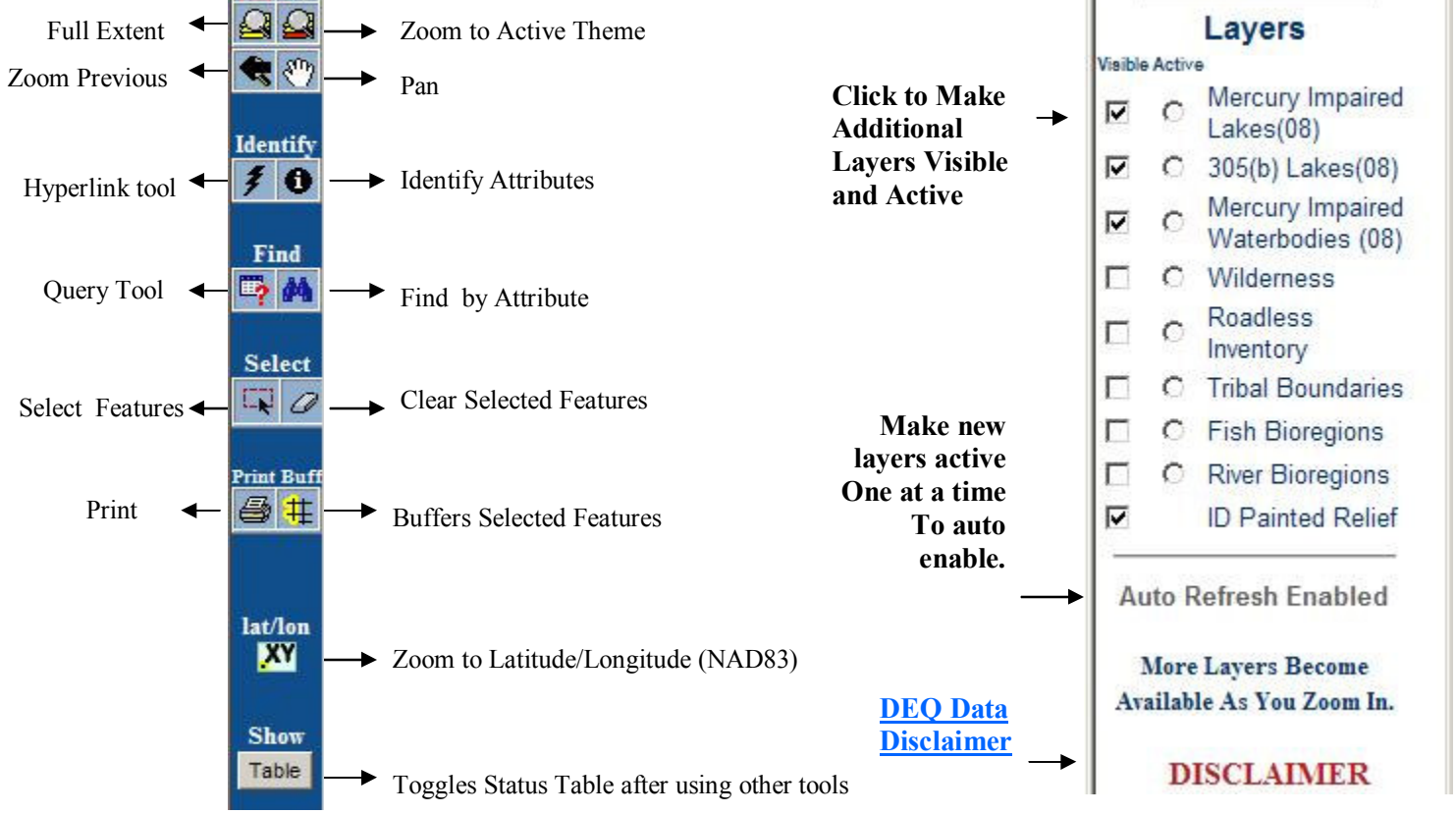
Hyperlink to the EPA's ATTAINS and Approved TMDL Documents.

The Tool Bar



Legend | Layers List

Toggles Legend & Layer List



Tool Bar Operations are Performed on the Selected Visible & Active Layer

Tool Bar Details

Please note that using the browser's Refresh button reloads the ArcIMS Web page, causing you to lose any changes to your map such as zooms to the extent or new symbols to a layer.

Zoom In: Select this tool and draw a box around your area of interest to zoom most quickly. For slower zooming simply select the tool and click on the map.

Zoom Out: Draw a box with this tool to control zoom distance. A tiny box will zoom out a great distance. A large box will zoom out a small distance. For slower zooming simply select the tool and click on the map.

Zoom to Full Extent: Zooms to the full view of the map. This may or may not be the original view, resets the County drop down list and unselects any selected sites.

Zoom to Active Layer: Click a layer in the legend to make it active. Click the Zoom to Active Layer button to see the extent of the active layer.

Zoom to Last View: Zooms to the previous view. Use this instead of the 'Back' button on your browser

Hyperlink: Select and then click on a feature in the active layer to get extended information about the feature. For example, Activate Id305B streams or BURP monitoring and click the hyperlink tool, then a stream segment, to View the Assessment Status Report.

Identify: The Identify tool allows you to get attribute information about a feature by clicking on it. Select and then click on a feature to get basic information. The information returned will be from the active layer. Results from the Identify tool appears in the lower panel of the HTML Viewer.

panel of the HTML Viewer.

1. **Click a layer in the legend to make it active.**
2. **Click the Identify button.**
3 **Click a feature on the map.**
4. **The results of the Identify are shown in the Identify Results dialog box.**
5. **If more than one feature is found, the features are listed in the Features panel.**
6 **Click each feature to see its Identify results.**

Query: This tool opens a dialog box at the bottom of the map where you can type in a query or use the query builder interface. The Query Builder queries features based on their attribute values. Numeric or text are acceptable search strings. You must use single quotes around values that are text strings.

1. **Click a layer in the legend to make it active.**
2 **Click the Query Builder button.**
3 **Click a field to query.**
4 **Click an operator to be used in the expression.**
5. **Click a sample value or type a value for the expression.**
6. **Verify that the query expression is correct.**
7. **Click Execute.**

Find: Click the button and type in a search string to get a list of all the features in the active layer that match. Use the asterisk as a wildcard. Results from the Find tool appears in the lower panel of the HTML Viewer.

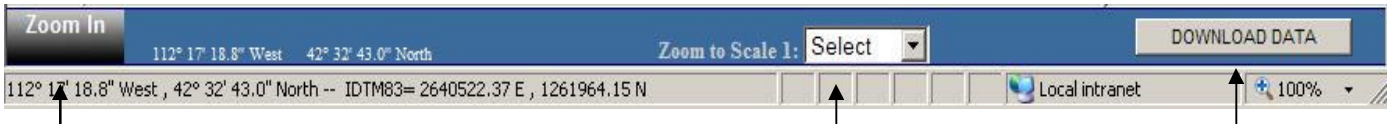
1. **Click the Find button.**
2. **Type any part of a word you want to find.**
3. **Click the Active Radio Button to activate your find theme.**
4. **Click Find to execute the search.**
5. **Click one or many results in the bottom panel to select them.**
6. **Click Pan To pan the view to the selected feature.**
7. **Click Zoom To zoom the view to the selected feature.**
8. **Click Close when you are done finding features.**

Select by Rectangle: Select an object by clicking once or drawing a rectangle within it. All objects in the active layer that are touched by the rectangle will be selected.

Clear Selection: Clears selected features and returns a fresh map.

Pan: Drag the map to move to adjacent areas.

Bottom Tool Bar



Displays Active Tool

Zooms to Selected Scale

Download GIS Data from Inside Idaho

GIS Layer Information
Approximate Visible Scale Ranges

Map Units Meters, Idaho Transverse Mercator NAD83
Click on layer name for Metadata or More Information

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Click on layer name for Metadata or More Information

Cartographic Layers

Cities/Towns - *Point locations of Idaho Cities and Towns (Scale Range = 1:5,000 -1 250,000)*
Major Rivers - *Selected Major Rivers of Idaho, Initial View (Scale Range > 1:500,000)*
Major Lakes - *Selected Lakes -Initial View (Scale Range > 1:500,000)*
Tribal Boundaries - *Idaho Tribal Boundaries*
Lakes - *1:100,000 Scale Lakes of Idaho (Scale Range = 1:5,000 - 1:500,000)*
250K Streams - *Idaho 1:250,000 Mapped Streams (Scale Range > 1:300,000)*
Roads - *Idaho Roads and Streets, 1:100,000 GDT -2000 (Scale Range 15,000 - 90,000)*

Data Layers (Use the **Back** Button to Return to **HELP**)

Idaho Basins - *Hydrologic Planning Basins of Idaho (Scale Range > 1:500,000)*
4th Field HUCs - *1:250,000 Idaho Subbasins, (Hydrologic Unit Codes) USGS (Scale Range > 1:5,000)*
DEQ Stream Monitoring Locations ***(BURP)*** *(Scale Range = 1:5,000 - 1:300,000)*
DEQ 305(b) Streams- *1:100,000 - USGS National Hydrography Dataset (Scale Range 1:15,000 - 1:300,000)*
Wilderness - *Idaho Designated Wilderness, National Forest Service*
Roadless Inventory - *Idaho Roadless Areas, National Forest Service*
Idaho Ecoregions Levels III & IV - *Environmental Protection Agency* (EPA)
Land Status - *Surface Land Management Status—Bureau of Land Management*
Landsat 1997-1998 Color 30 Meter Imagery *(Scale Range 1:55,000 - 1:175,000)*

Idaho Aerial Photography (NAIP—2004) Inside Idaho GIS Clearing House.
MRLC/NLCD-2001 30 Meters*(Landcover/Landuse 1:24,000 - 1:500,000)*

Download PDF Version of this Help File#

Requires Adobe Acrobat Reader

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